

FIG. 1

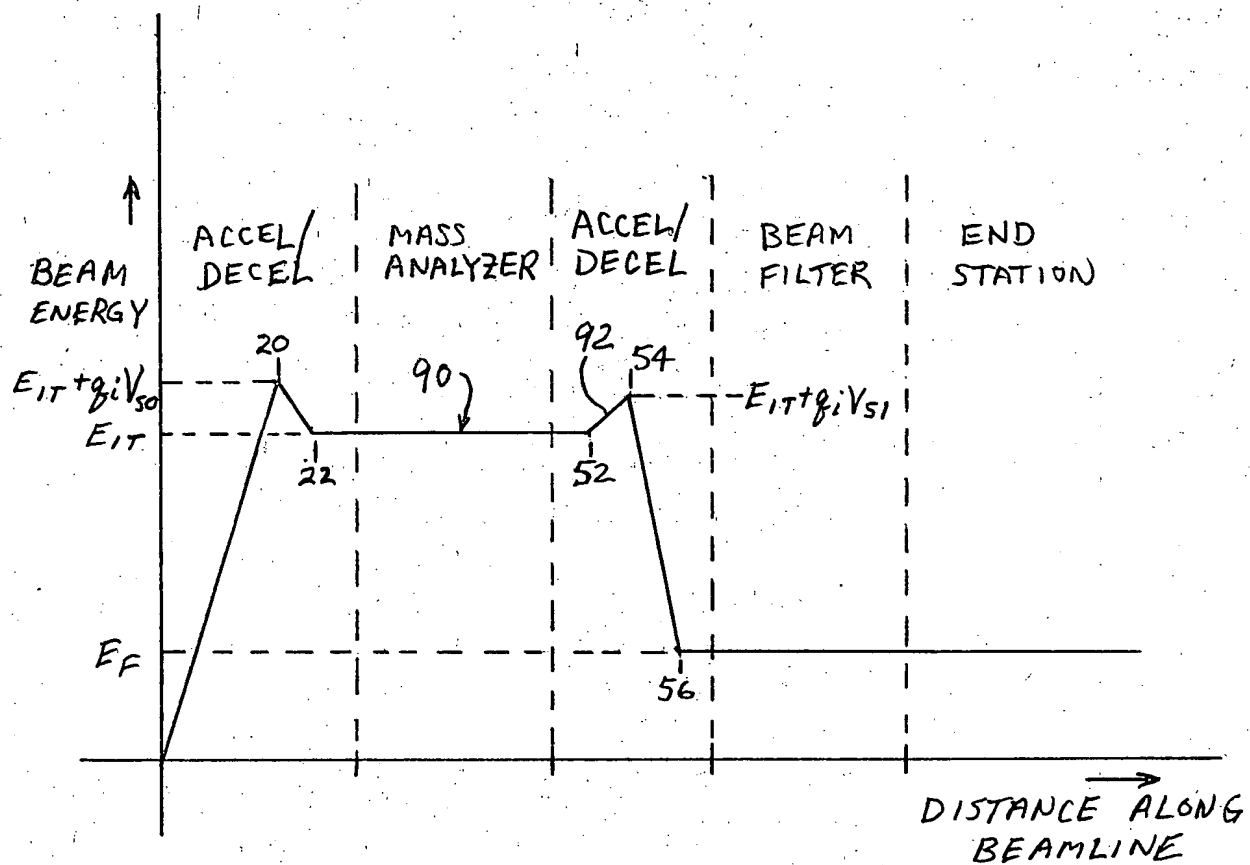


FIG. 2

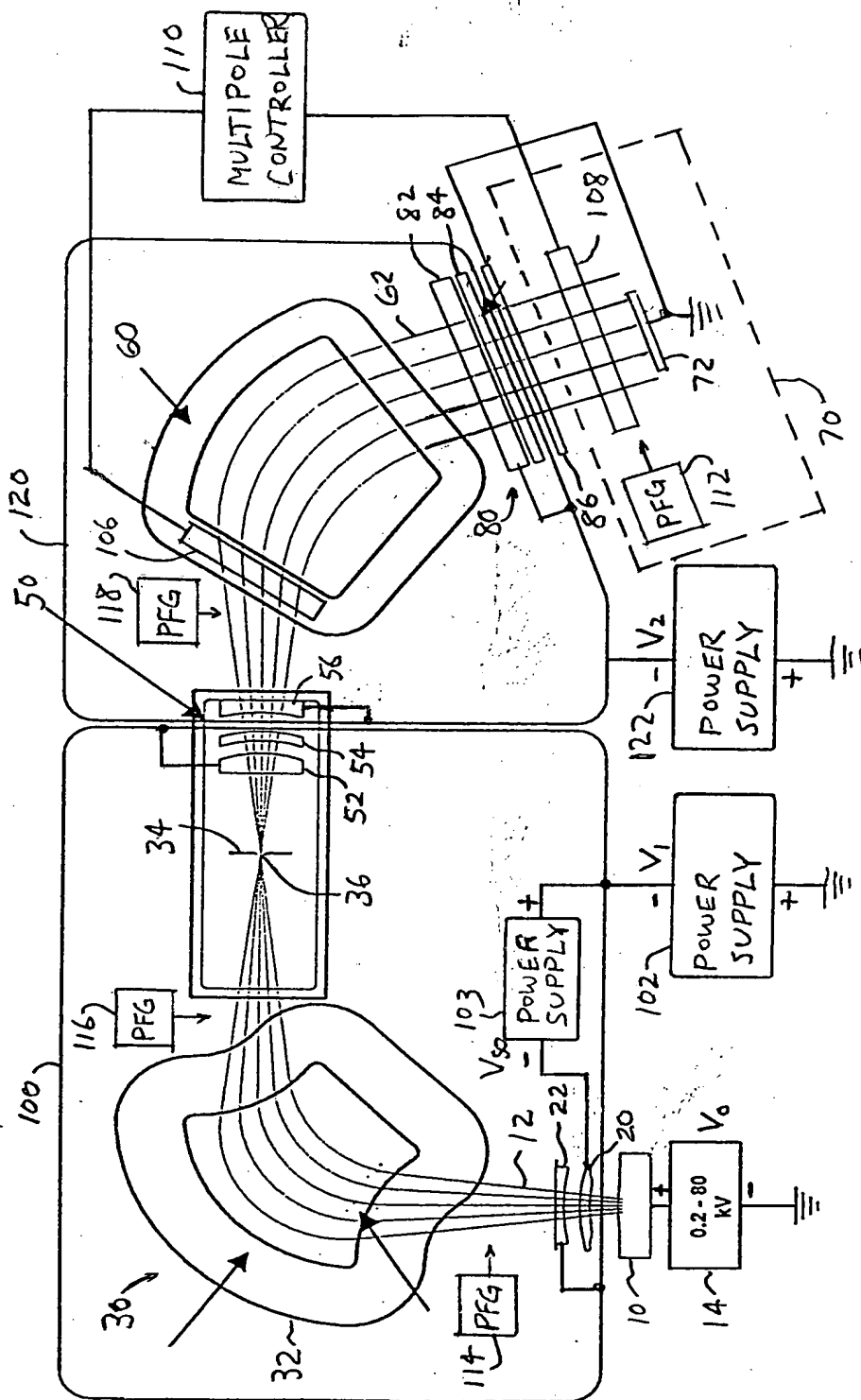


FIG. 3

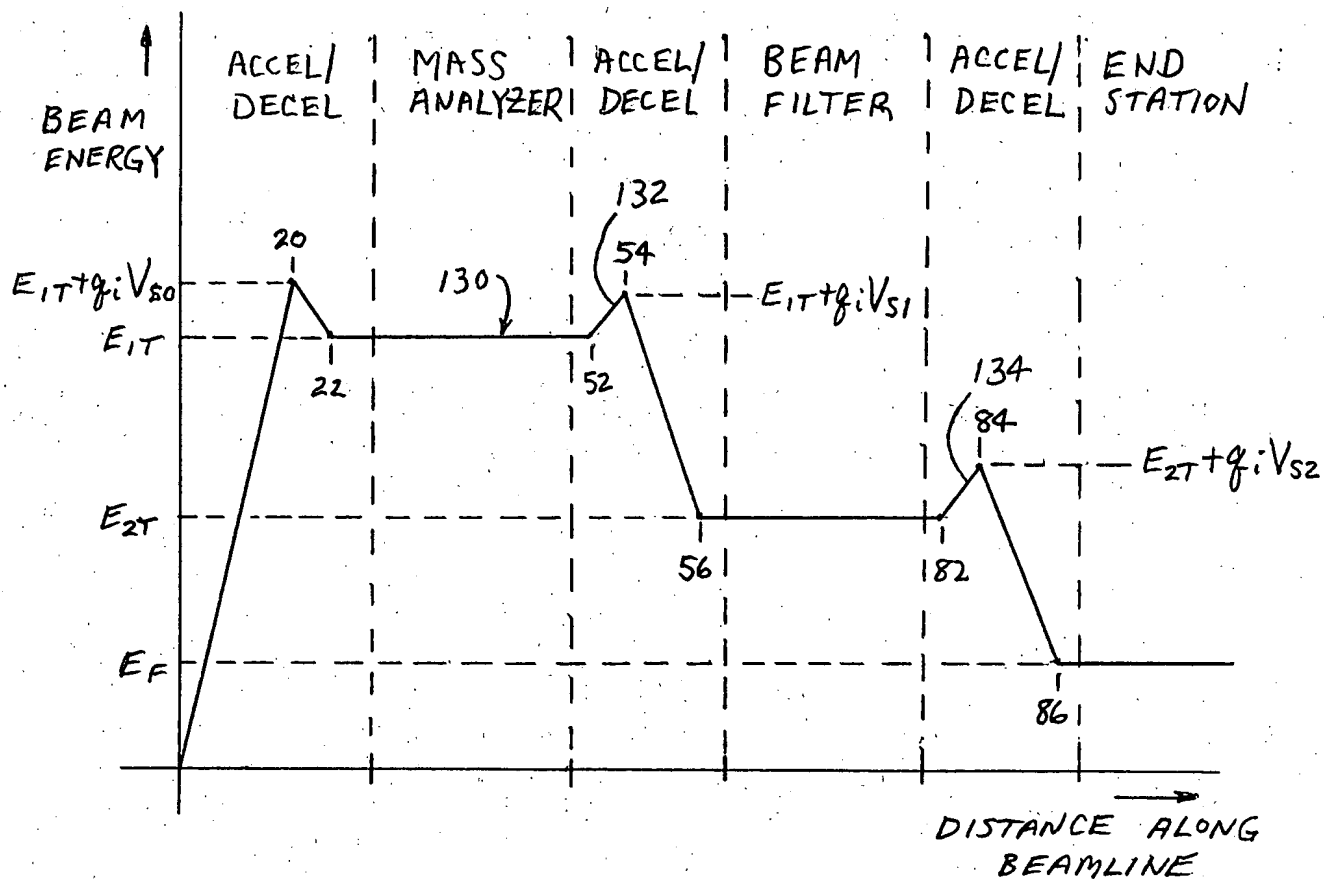


FIG. 4

BEAM ENERGY

SOURCE MASS ANALYZER BEAM FILTER END STATION

E_F

0

140

DISTANCE ALONG BEAMLINE

FIG. 6

A diagram of a beam with three supports. The beam is represented by a long horizontal line with arrows at both ends. Above the beam, there are three supports: a rectangular support labeled 52, a T-shaped support labeled 54, and a rectangular support labeled 56. A curved arrow labeled 50 points downwards towards the T-shaped support. Below the beam, there are three corresponding force representations: a rectangular block labeled $-V_1$, a T-shaped block labeled $-V_{S1}$, and a rectangular block labeled $-V_2$. A curved arrow labeled 12 points upwards from the left end of the beam.

FIG. 8

002290" 65020960

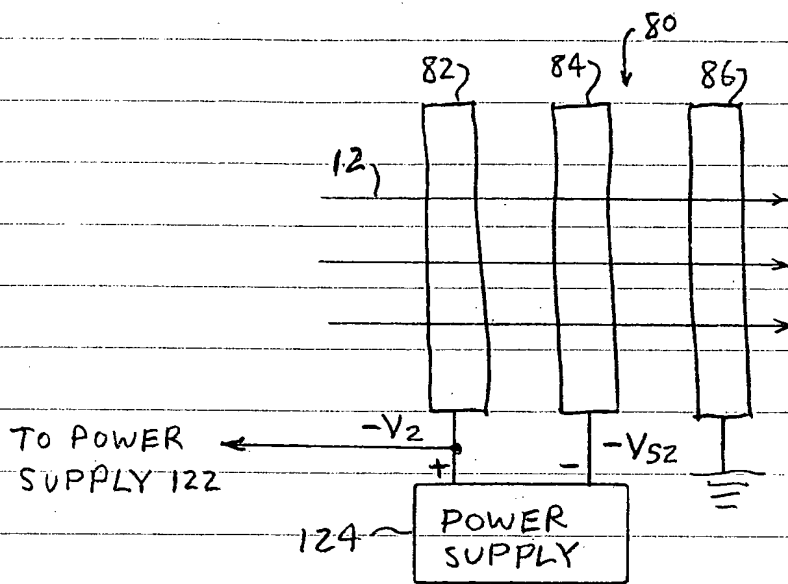


FIG. 9

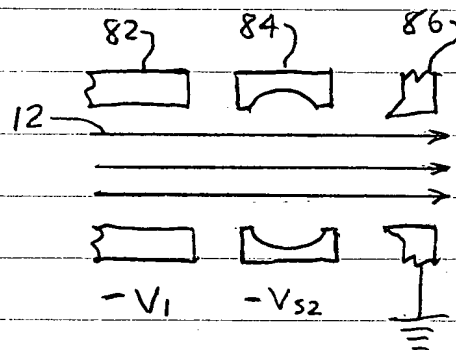


FIG. 10